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JC20 Rec'd PCT/PTO 27 APR 2005

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\* Admitted in TX only  
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May 13, 2004

BY EXPRESS MAIL

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: IPEA/US

Re: Demand for International Preliminary Examination  
of TREATMENT OF IMMUNOLOGICAL RENAL DISORDERS BY  
LYMPHOTOXIN PATHWAY INHIBITORS  
PCT/US2003/034813- Filed: 31 October 2003  
(Our Ref: BGN-A176PC)

Gentlemen:

Enclosed herewith please find a Demand under Article 31 of the Patent Cooperation Treaty; a Fee Calculation Sheet; and Return Postcard. The deadline for entry of Chapter II is **31 May 2004**.

"Express Mail" Mailing Label Number EV 377 654 268 US

Date of Deposit 13 May 2004

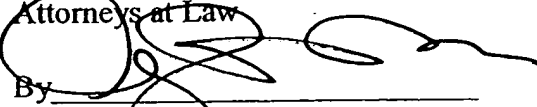
I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: IPEA/US

Signature

Amy E. Mandragouras

Please Print Name of Person Signing

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By   
Amy E. Mandragouras  
Reg. No. 36,207  
Attorney for Applicants  
28 State Street  
Boston, MA 02109  
(617) 227-7400  
Telecopier (617) 742-4214

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ US

# PCT

## DEMAND

### CHAPTER II

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only	
Identification of IPEA	Date of receipt of DEMAND
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>	
Applicant's or agent's file reference BGNA176PC	
International application No. PCT/US2003/034813	International filing date (day/month/year) 31 October 2003 (31.10.2003)
(Earliest) Priority date (day/month/year) 31 October 2002 (31.10.2002)	
Title of invention TREATMENT OF IMMUNOLOGICAL RENAL DISORDERS BY LYMPHOTOXIN PATHWAY INHIBITORS	
<b>Box No. II APPLICANT(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  BIOGEN IDEC INC. 14 Cambridge Center Cambridge, Massachusetts 02142 United States of America	
Telephone No.:	
Facsimile No.:	
Teleprinter No.:	
Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, country) of residence: US
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  GOMMERMAN, Jennifer 120 Lombard St. Suite 406 Toronto, Ontario M5C 3H5 Canada	
State (that is, country) of nationality: CA	State (that is, country) of residence: CA
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  BROWNING, Jeffrey L. 250 Concord Avenue Cambridge, Massachusetts 02138 United States of America	
State (that is, country) of nationality: US	State (that is, country) of residence: US
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.	

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The following person is ☒ agent ☐ common representative

and ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.

☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.

☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

Name and address: *(Family name followed by given name; for a legal entity, full official designation.  
The address must include postal code and name of country.)*

MANDRAGOURAS, Amy E.  
Lahive & Cockfield, LLP  
28 State Street  
Boston, Massachusetts 02109  
United States of America

Telephone No.:

(617) 227-7400

Facsimile No.:

(617) 742-4214

Teleprinter No.:

Agent's registration No. with the Office

36,207

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filed

the description ☒ as originally filed

☐ as amended under Article 34

the claims ☒ as originally filed

☐ as amended under Article 19 (together with any accompanying statement)

☐ as amended under Article 34

the drawings ☒ as originally filed

☐ as amended under Article 34

2. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.

3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of the applicable time limit under Rule 69.1(d).

4. ☐ The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

**Language for the purposes of international preliminary examination: English**

☒ which is the language in which the international application was filed.

☐ which is the language of a translation furnished for the purposes of international search.

☐ which is the language of publication of the international application.

☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.

**Box No. V ELECTION OF STATES**

The filing of this demand constitutes the election of all Contracting States which are designated and are bound by Chapter II of the PCT.

**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |    |   |   |   |        |
|----|---|---|---|--------|
| 1. | translation of international application                              | : |   | sheets |
| 2. | amendments under Article 34   | : |   | sheets |
| 3. | copy (or, where required, translation) of amendments under Article 19 | : |   | sheets |
| 4. | copy (or, where required, translation) of statement under Article 19  | : |   | sheets |
| 5. | letter  | : | 1 | sheets |
| 6. | other (specify):  | : |   | sheets |

For International Preliminary Examining Authority use only

received not received

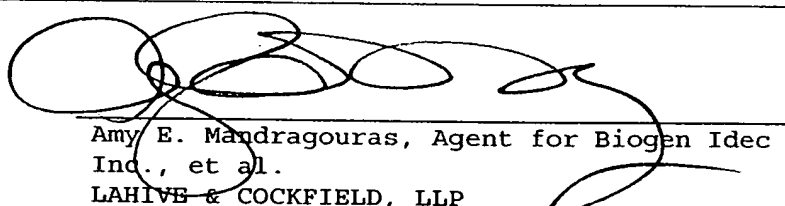
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 5. <input type="checkbox"/> statement explaining lack of signature                             |
| 2. <input type="checkbox"/> original separate power of attorney                          | 6. <input type="checkbox"/> sequence listing in computer readable form                         |
| 3. <input type="checkbox"/> original general power of attorney                           | 7. <input type="checkbox"/> tables in computer readable form related to a sequence listing     |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input checked="" type="checkbox"/> other Certificate of Express Mail and Return (specify): |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

  
 Amy E. Mandragouras, Agent for Biogen Idec Inc., et al.  
 LAHIVE & COCKFIELD, LLP

13 May 2004

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:	
2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):	
3. <input type="checkbox"/> The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply. <input type="checkbox"/> The applicant has been informed accordingly.	6. <input type="checkbox"/> The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply.
4. <input type="checkbox"/> The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5.	7. <input type="checkbox"/> The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5.
5. <input type="checkbox"/> Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.	8. <input type="checkbox"/> Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

## PCT

## FEE CALCULATION SHEET

Annex to the Demand

International application No. <b>PCT/US2003/034813</b> Applicant's or agent's file reference <b>BGNA176PC</b>	For International Preliminary Examining Authority use only Date stamp of the IPEA
Applicant <b>Biogen Idec Inc., et al.</b>	
<b>CALCULATION OF PRESCRIBED FEES</b>  1. Preliminary examination fee ..... <span style="border: 1px solid black; padding: 2px 20px;">600.00</span> <span style="border: 1px solid black; padding: 2px 5px;">P</span>  2. Handling fee ( <i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i> ) ..... <span style="border: 1px solid black; padding: 2px 20px;">162.00</span> <span style="border: 1px solid black; padding: 2px 5px;">H</span>  3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box ..... <span style="border: 1px solid black; padding: 5px 20px; display: inline-block; text-align: center;">\$ 762.00</span> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 2px;"><b>TOTAL</b></div>	
<b>MODE OF PAYMENT</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)  <input type="checkbox"/> cheque  <input type="checkbox"/> postal money order  <input type="checkbox"/> bank draft         </div> <div style="width: 45%;"> <input type="checkbox"/> cash  <input type="checkbox"/> revenue stamps  <input type="checkbox"/> coupons  <input type="checkbox"/> other (specify):         </div> </div>	
<b>AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT</b> <i>(This mode of payment may not be available at all IPEAs)</i>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Authorization to charge the total fees indicated above.  <input checked="" type="checkbox"/> <i>This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.         </div> <div style="width: 50%;">           IPEA/ <u>US</u>            Deposit Account No.: <u>12-0080</u>            Date: <u>13 May 2004</u>            Name: <u>Amy E. Mandragouras</u>            Signature:  </div> </div>	

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

AMY E. MANDARAGOURAS  
LAHIVE & COCKFIELD, LLP  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109

## PCT

NOTIFICATION OF RECEIPT  
OF DEMAND BY COMPETENT INTERNATIONAL  
PRELIMINARY EXAMINING AUTHORITY

(PCT Rules 59.3(e) and 61.1(b), first sentence  
and Administrative Instructions, Section 601(a))

Date of mailing  
(day/month/year)

**21 JUL 2004**

Applicant's or agent's file reference

BGNA176PC

**IMPORTANT NOTIFICATION**

International application No.

PCT/US03/34813

International filing date (day/month/year)

31 Oct 2003

Priority date (day/month/year)

31 Oct 2002

Applicant

BIOGEN, INC.

1. The applicant is hereby notified that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:

13 MAY 2004

2. That date of receipt is:

- ☒ the actual date of receipt of the demand by this Authority (Rule 61.1(b)).
- ☐ the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).
- ☐ the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.

3. ☐ **ATTENTION:** That date of receipt is **AFTER** the expiration of 19 months from the priority date. Consequently, the election(s) made in the demand does (do) not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)). Therefore, the acts for entry into the national phase must be performed within 20 months from the priority date (or later in some Offices) (Article 22). For details, see the *PCT Applicant's Guide*, Volume II.

- ☐ (If applicable) This notification confirms the information given by telephone, facsimile transmission or in person on:

4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.

Name and mailing address of the IPEA/  
Mail Stop PCT, Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Authorized officer

Elнора Rivera

Facsimile No. 703-305-3230

Form PCT/IPEA/402 (July 1998)

Telephone No. 703-305-3678

**RECEIVED  
LAHIVE & COCKFIELD  
DOCKET DEPT**

**JUL 23 2004**

RETRIEVED: Mac